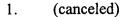
## CLAIMS:



## 2. (canceled)

- 3. (original) A nucleic acid synthesizer comprising one or more reaction chambers and a heating component configured to heat said one or more reaction chambers during a synthesis reaction.
- 4. (original) The nucleic acid synthesizer of Claim 3, wherein said heating component comprises a resistance heater.
- 5. (original) The nucleic acid synthesizer of Claim 3, wherein said heating component comprises a Peltier device.
- 6. (original) The nucleic acid synthesizer of Claim 3, wherein said heating component comprises a heated reagent.
- 7. (original) The nucleic acid synthesizer of Claim 3, wherein said heating component comprises a magnetic induction device.
- 8. (original) The nucleic acid synthesizer of Claim 3, wherein said heating component comprises microwaves.
- 9. (original) The nucleic acid synthesizer of Claim 3, wherein said heating component comprises a transfer of heat from a fluid or a gas.
- 10. (original) A nucleic acid synthesizer, comprising:
  - a. one or more reaction chambers containing an oligonucleotide; and
  - b. a heating component,

PATENT Attorney Docket No. FORS-06497

wherein said heating component is configured to heat said one or more reaction chambers during a synthesis reaction wherein said oligonucleotide is coupled to a synthesis reagent.